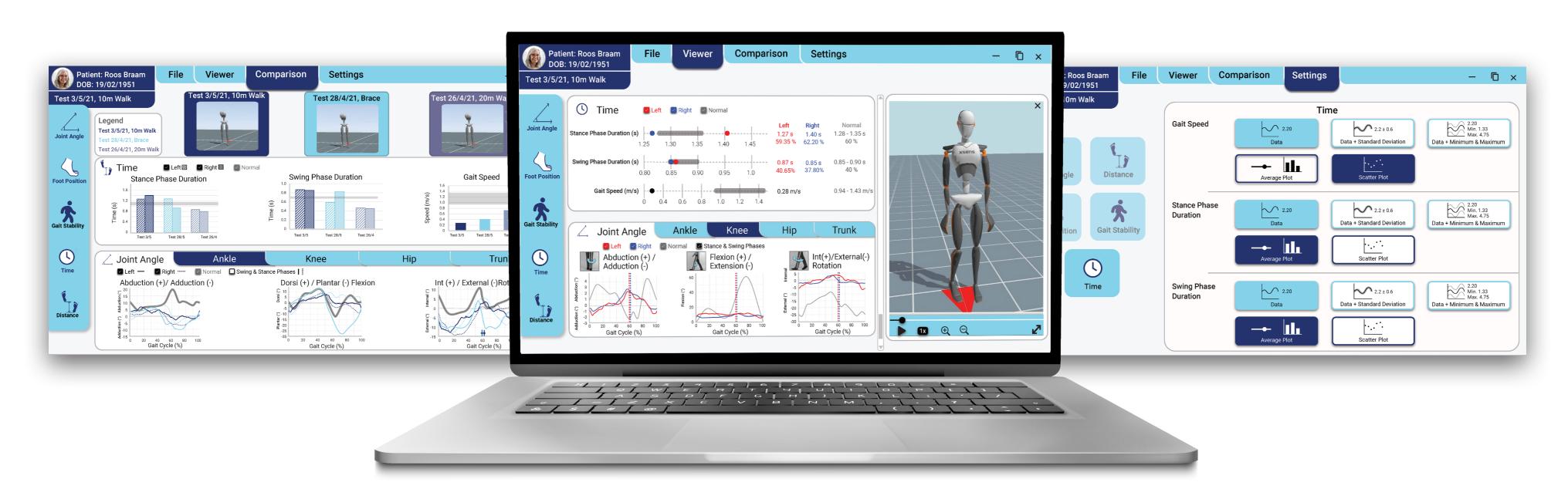# gait vision
See gait clearly

For patients with an incomplete spinal cord injury, gait rehabilitation plays a significant role in their recovery. However, the current methods physiotherapists and physicians use to assess gait have significant drawbacks. The clinical eye is subjective, and it is not possible to observe and gather information on all relevant features at one time. Laboratory gait analysis is time-consuming, and the test reports not only contain irrelevant information but are also too complex for the average physiotherapist or physician to understand.

Gait Vision was developed to solve this problem. Gait Vision is an easy-to-use interface that allows physiotherapists and physicians to assess gait objectively and time-efficiently. It provides more accurate and objective information than can be obtained with the clinical eye, in a way that is more intuitive and comprehensible for clinicians with minimal gait assessment experience than laboratory gait analysis.

Gait Vision works in collaboration with wireless motion trackers. The motion trackers are placed on the patient, and the data collected is then transferred to Gait Vision, where it is then processed. The patient's gait can be viewed through an avatar or intuitive graphs and charts for fifteen different outcome parameters. Through self-evident screen flow and actions, Gait Vision can be operated by users with minimal technical experience.

In addition to patients with incomplete spinal cord injuries, Gait Vision can be used for prosthesis and neurological disorders (such as multiple sclerosis, cerebral palsy, and stroke). With Gait Vision, physicians and physiotherapists can objectively and effectively select orthoses, evaluate the effects of spasticity treatment, and track a patient's progress.

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